


MEMORANDUM

Missouri Department of Transportation Project Delivery Southwest District

TO: Kathy Harvey -de
CC: Jason Vanderfeltz -de
FROM: Craig Switzer
Senior Highway Designer
DATE: July 23, 2013
SUBJECT: Southwest District – Design
Rte. 66, Jasper County
Signal, Intersection, and ITS Improvements from Geneva Ave. to Rte. 249
Job No. J7S0594C
Public Interest Finding – Adaptive Traffic Signal Control System

I do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), this patented or proprietary item is essential for synchronization with existing highway facilities.


Kathryn P. Harvey, State Design Engineer

With reference to the subject project, we are requesting approval of a finding in the public interest to use the Rhythm Engineering InSync© adaptive traffic signal control system on this project.

This project is scheduled for an October 18, 2013 letting to upgrade traffic signals, improve intersections, and install CCTV cameras along the Route 66 corridor from Geneva Avenue to Route 249. Included in this project are traffic signal upgrades at Geneva Avenue, Northpark Lane, Duquesne Road, Garden Grove Road, Travis Acres Road, Kenser Road, and the ramp terminals at Route 249.

The Business Route 49 (Range Line Road) corridor from Newman Road to 44th Street, and the Route 66 corridor from Garden Grove Road to Kenser Road are currently coordinated with the Rhythm Engineering InSync© adaptive traffic signal control system. This project will include the interconnection of the signals along the Route 66 corridor with the existing corridor along Business Route 49 (Range Line Road).

In consultation with district Traffic staff, we have determined that the Rhythm Engineering InSync© adaptive traffic signal control system is essential for synchronization with the existing traffic signals on Business Route 49 (Range Line Road) and Route 66. Based on this information we are requesting approval to use this proprietary product on the subject project.